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| Substitute Form PTO-1449<br>(Modified)   | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>10830-079001 | Application No.<br>09/996,509 |
| <b>Information Disclosure Statement</b><br><b>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) |  | Applicant<br>Gentaro Ishihara et al.  |                               |
|  |  | Filing Date<br>November 28, 2001      | Group Art Unit<br>3663        |

| U.S. Patent Documents |           |                 |                  |          |       |          |                            |
|-----------------------|-----------|-----------------|------------------|----------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|                       | AA        |                 |                  |          |       |          |                            |
|                       | AB        |                 |                  |          |       |          |                            |
|                       | AC        |                 |                  |          |       |          |                            |
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|                       | AE        |                 |                  |          |       |          |                            |
|                       | AF        |                 |                  |          |       |          |                            |
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| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |                     |    |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|---------------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | English translation |    |
|   |           |                 |                  |                          |       |          | Yes                 | No |
| <del>AMH</del>  | ✓ AJ      | Hei 5-133841    | 5/28/1993        | Japan                    | G01M  | 11/00    | X                   |    |
|   | AK        |                 |                  |                          |       |          |                     |    |
|   | AL        |                 |                  |                          |       |          |                     |    |
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|   | AN        |                 |                  |                          |       |          |                     |    |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |          |
|---|-----------|----------|
| Examiner Initial  | Desig. ID | Document |
|   | AO        |          |
|   | AP        |          |
|   | AQ        |          |
|   | AR        |          |

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| Examiner Signature<br><b>DEANDRA M. HUGHES</b>   | Date Considered<br><b>August 18, 2003</b> |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |   |

Substitute Disclosure Form (PTO-1449)